## Message

From: Fernandez, Cristina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5D527D0DD7E24EB5B1777B00A8EE6B2A-CFERNAND]

**Sent**: 8/14/2018 2:35:56 PM

To: Fry, Jessica [fry.jessica@epa.gov]
CC: Arnold, David [arnold.david@epa.gov]

Subject: FW: Braun

Attachments: Braun 2014.pdf; Braun 2015.pdf; Braun 2016.pdf

FYI

Cristina Fernandez, Director Air Protection Division (3AP00) U. S. Environmental Protection Agency, Region III 1650 Arch Street Philadelphia, PA 19103-2023

Work: (215) 814-2178 Cell: (215) 375-0847

From: Ramamurthy, Krishnan [mailto:kramamurth@pa.gov]

Sent: Tuesday, August 14, 2018 10:22 AM

To: Fernandez, Cristina < Fernandez. Cristina@epa.gov>

Subject: FW: Braun

Christina,

I have asked NERO staff to check with the facility to confirm the emission rates.

Krishnan Ramamurthy
Director | Bureau of Air Quality
PA Department of Environmental Protection
P.O Box 8468 | Harrisburg, PA 17105-8468
V 717.787.9702 | F 717.772.3415
www.depweb.state.pa.us

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From: Evans, Craig

Sent: Tuesday, August 14, 2018 10:19 AM

To: Ramamurthy, Krishnan < kramamurth@pa.gov>

Subject: FW: Braun

From: Evans, Craig

**Sent:** Wednesday, July 18, 2018 9:55 AM **To:** Frederick, Norman <a href="mailto:right]nd.pdf.

Subject: FW: Braun

Check it out. I sent to Jessica Fry and copied her when I started typing in Frederick.

From: Evans, Craig

Sent: Tuesday, July 17, 2018 2:50 PM

To: 'chow.alice@epa.gov' <chow.alice@epa.gov>; 'fry.jessica@epa.gov' <fry.jessica@epa.gov>

Cc: Wejkszner, Mark < mwejkszner@pa.gov >; 'fry.jessica@epa.gov' < fry.jessica@epa.gov >; Kempa, Raymond

<rkempa@pa.gov>; Houser, Mark (DEP) <mahouser@pa.gov>; Arikeri, Soumya (sarikeri@pa.gov) <sarikeri@pa.gov>;

Trivedi, Viren <vtrivedi@pa.gov>

Subject: FW: Braun

Hi Alice.

Mark Houser ran a report on the emissions for the Braun Medical facility for 2014, 2015, and 2016. It appears the ethylene oxide (EO) emissions are different for the three years, although they are quite similar. If you would like, Soumya can send you their operating permit. Let me know if you want us to dig further into this facility.

Thanks,

Craig

Craig Evans | Environmental Group Manager
Department of Environmental Protection | Bureau of Air Quality
Rachel Carson State Office Building
400 Market Street | Harrisburg, PA 17101
Phone: 717.772.3995 | 717.772.2303
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